



**PATENT**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Detering et al

**Serial No.:** 10/633,464

**Filed:** July 31, 2003

**For:** FAST QUENCH REACTOR AND  
METHOD

**Confirmation No.:** 7420

**Examiner:** S. Kastler

**Group Art Unit:** 1742

**Attorney Docket No.:** EGG-PI-413 RE/RE

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

03 Jan 2006  
Date

  
Signature

Kathy Harris  
Name (Type/Print)

**RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Examiner:

The following amendments and remarks are filed in response to the Examiner's remarks in the Office Action mailed October 13, 2005, the three-month shortened statutory period for response to which expires on January 13, 2006.

**A Statement Regarding the Claims** is found on page 2 of this paper.

**Remarks** begin on page 3 of this paper.